



# ***Conference Agenda & Purpose***

**S**mall **A**ircraft **T**ransportation **S**ystem  
Planning Conference  
NASA Langley Research Center  
June 21-24, 1999

# Small Aircraft Transportation System Planning Conference Agenda

	Monday, June 21	Tuesday, June 22	Wednesday, June 23		Thursday, June 24
8:00 AM	Registration and Continental Breakfast	State-of-the-Art: <i>Burkardt</i> Engines	<u><b>Vehicle Tech</b></u> Airframe Aero. & Control	<u><b>Infrastructure</b></u> CNS Technolgy Land. Facilities	Executive Session for presentation preparation
8:15 AM					
8:30 AM					
8:45 AM		State-of-the-Art: <i>Asbury</i> Avionics	Propulsion Avionics Training	Airspace/Proc. Air Traffic Man.	
9:00 AM					Vehicle Technologies Executive Summary Certification Issues Discussion <i>Burley</i>
9:15 AM					
9:30 AM	Opening Remarks <i>Hahne</i>	State-of-the-Art: <i>Freeman</i> Airframes			
9:45 AM	Welcome <i>Martin</i>				
10:00 AM	Conference <i>Hahne</i>	<b>Break</b>	<b>Break</b>		
10:15 AM	Agenda and Products	State-of-the-Art: <i>Breunig</i> NAS Infrastructure	<u><b>Vehicle Tech</b></u> Airframe Aero. & Control	<u><b>Infrastructure</b></u> CNS Technolgy Land. Facilities	<b>Break</b>
10:30 AM	Assessing the <i>O'Donnell</i>				
10:45 AM	Feasibility of Innovative				Infrastructure Executive Summary Certification Issues Discussion <i>McHugh</i>
11:00 AM	Transportation Systems	State-of-the-Art: <i>Hampton</i> Training	Propulsion Avionics Training	Airspace/Proc. Air Traffic Man.	
11:15 AM					
11:30 AM	Market Research <i>Hammers</i>				
11:45 AM		Aviation Safety <i>Durham</i> Program			
12:00 PM					
12:15 PM	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>		<b>Lunch</b>
1:15 PM					
1:30 PM	GA Roadmap & <i>Holmes</i>	Instructions to Vehicle and Infrastructure Track Breakout Sessions	<u><b>Vehicle Tech</b></u> Airframe Aero. & Control	<u><b>Infrastructure</b></u> CNS Technolgy Land. Facilities	General Discussion <i>Hahne</i>
1:45 PM	SATS Concept				
2:00 PM		<b>Travel to Breakout Rooms</b>			
2:15 PM		<u><b>Vehicle Tech</b></u> Airframe/Aero./ Prop./Avionics/ Training	Propulsion Avionics Training	Airspace/Proc. Air Traffic Man.	
2:30 PM	FAA Mission <i>Rowlette</i>	<u><b>Infrastructure</b></u> CNS;Land. Fac.; Airspace/Proc.; Air Traffic Man.			SATS Partnerships & <i>Masson</i> Alliances Design Discussion
2:45 PM	Need Statement for SATS				
3:00 PM	<b>Break</b>		<b>Travel to Reid Center</b>		
3:15 PM	State-of-the-Art: <i>Roskam</i>	<b>Break</b>	<b>Break</b>		
3:30 PM	Configuration Aerodynamics	<u><b>Vehicle Tech</b></u> Airframe Aero. & Control Propulsion Avionics Training	<u><b>Infrastructure</b></u> CNS Technolgy Land. Facilities Airspace/Proc. Air Traffic Man.	<u><b>Vehicle Tech</b></u> Session Report Out to Vehicle Technologies Group	<u><b>Infrastructure</b></u> Session Report Out to Infrastructure Group
3:45 PM					<b>Break</b>
4:00 PM	Partnerships & <i>Panel Discuss.</i>				Summary Next Steps Actions <i>Holmes</i>
4:15 PM	Alliances				
4:30 PM					<b>Adjourn</b>
4:45 PM					
5:00 PM	<b>Social</b>	<b>Adjourn</b>	<b>Adjourn</b>		

# National General Aviation Roadmap Goal



“Enable doorstep-to-destination travel at four times the speed of highways to 25% of the Nations suburban, rural, and remote communities in 10 years and more than 90% in 25 years”



## The **S**mall **A**ircraft

**T**ransportation **S**ystem is a crucial component in the inter-modal system that will be required to achieve this goal.

# ***Conference Purpose***



NASA Office of  
Aero-Space Technology

**Create the framework that will form the basis for investment planning in the SATS program by:**

- Assessing strawman plans for continued investment by the Government, industry, and the states toward the goals of the National General Aviation Roadmap
- Identifying new “technologies” that can contribute to the Roadmap goals
- Establishing priorities for the next set of vehicle and infrastructure investments toward these goals

# ***Breakout Sessions***



NASA Office of  
Aero-Space Technology

<b>Topic Area</b>	<b>Lead</b>	<b>Location</b>
Airframe	Tom Freeman	Pearl Young Theater
Aerodynamics & Control	Harry Morgan	Pearl Young Theater
Propulsion	Leo Burkardt	Pearl Young Theater
Avionics	Dan DiCarlo	B1268
Training	Tom Glista	B1268A
CNS Technologies	Steve Bradford	Reid Conference Ctr.
Landing Facilities	Steve Urlass	Reid Conference Ctr.
Airspace/Procedures	Dorothy Handy	Reid Conference Ctr.
Air Traffic Management	Clarence Jones	Reid Conference Ctr.

**Choose one topic area in which to participate**

# ***Conference Product***

A “program plan” for each topic area that will include:

- Goals
- Objectives
- Technical Approach
- Significant milestones
- Priorities
- Issues and potential obstacles

This “program plan” will be used to formulate a more detailed implementation plan for the SATS program

# ***Administrative Information***



NASA Office of  
Aero-Space Technology

- Transportation to Pearl Young Theater
- Message/fax board
- Badges
- Breaks/Lunches
- Proceedings